

1st International Workshop on Microelectronics and Energy

29th of March

Ecole des Mines de Saint-Etienne, CMP Gardanne

9:30-9:45	Opening
9:45-10:00	Welcome address by Prof. Thierry Djenizian
10:00-10:30	Prof. Andy (Xueliang) Sun, University of Western Ontario, Canada Nanostructured Materials and Electrodes for PEM Fuel Cells and Li Batteries
10:30-11:00	Prof. Maria Luisa Di Vona, University of Rome Tor Vergata, Italy Ionic conductor membranes for energy
11:00-11:30	Prof. Yong Yang, Xiamen University Enhancing ionic conductivity of Garnet-type electrolytes $\text{Li}_{7-2x}\text{La}_3\text{Zr}_{2-x}\text{M}_x\text{O}_{12}$ (M = Te, W, $0 < x < 1$): a study of aliovalent doping and Li^+ -conducting mechanism
11:30-12:00	Girish Salian, PhD Student at MADIREL, Aix-Marseille University Fabrication of Li-ion Microbatteries based on titania nanotubes
12:00-13:00	LUNCH
13:00-13:20	Prof. Sylvain Blayac, EMSE-CMP Electrostatic devices for sensing and power generation on flexible substrates
13:20-13:40	Dr. Marc Ramuz, EMSE-CMP Stretchable electronics for sensing applications
13:40-15:00	Dr. Lionel Santinacci, CINAM, Aix-Marseille University ALD and electrochemical nanostructuring for energy applications
15:00-15:20	Dr. Florence Vacandio, MADIREL, Aix-Marseille University Thin film deposition of positive electrodes for Li-ion microbatteries
15:20-15:40	Dr. Sebastien Maria, ICR, Aix-Marseille University (Co)polymers as efficient solid electrolytes for lithium batteries
15:40-16:00	COFFEE BREAK
16:00-17:00	Visit of CMP
17:00-18:00	Discussion and cocktail